



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Wilson et al.

Application No. 09/490,630

Filed: January 24, 2000

For: METHODS FOR IMPLEMENTING AN
ETHERNET STORAGE PROTOCOL IN
COMPUTER NETWORKS

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) Examiner: Nguyen, Thanh T

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) Group Art Unit: 2143

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) Date: March 13, 2003

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) Atty. Docket: ADAPP085B

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on March 13, 2003

Signed:


Diane Schwanbeck

MARKED-UP CLAIMS

1. (Amended) A method for processing storage data that is to be communicated over a network, comprising:

providing storage data to be transmitted over a network;

serializing the storage data using storage encapsulation protocol headers to [generated]
generate serialized storage data;

encapsulating the serialized storage data using a simple transport protocol to generate simple transport protocol data segments of the storage data; and

encapsulating each of the simple transport protocol data segments into Ethernet frames.

13. (Amended) A method for communicating storage data over an Ethernet network using a non-TCP lightweight transport protocol, comprising:

providing data having a peripheral device protocol format, the data to be communicated over the Ethernet network;

selecting portions of the data;

attaching storage encapsulation protocol (SEP) headers to the selected portions of the data;

attaching simple transport protocol (STP) headers to one or more of the selected portions having the SEP headers to produce STP packets; and

encapsulating the STP packets into Ethernet frames for communication over the Ethernet network.